



Annual Concrete Seminar 2015

Opening Address

Ir K C Lam

Assistant Director (Technical)

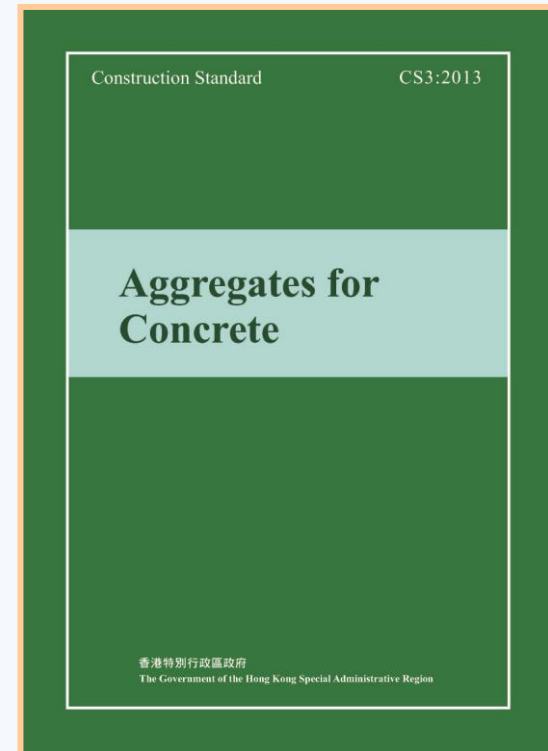
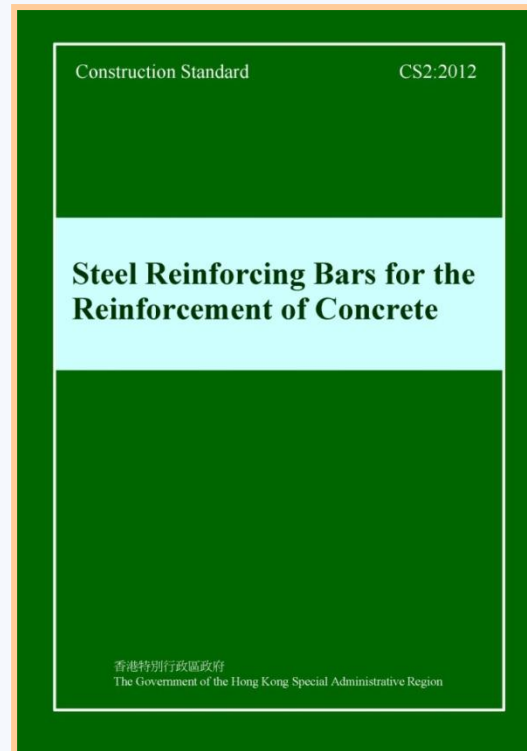
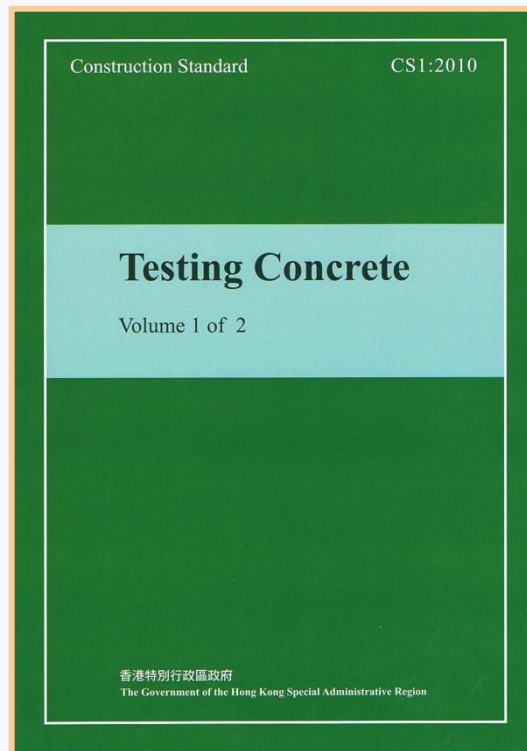
**Civil Engineering and Development Department
Chairman, Standing Committee on Concrete Technology**



Standing Committee on Concrete Technology (SCCT)

- **Central body established in 1982 to provide inter-office liaison on problems concerning concrete construction**
- **Tasked to considering all matters related to the use of concrete, from design, construction, testing, maintenance to repair**
- **Chairman is a D2 Officer appointed by PS(W), DevB**

Construction Standards issued by SCCT



Product Certification of Steel Reinforcing Bars

Product Conformity Certification Schemes (PCCSs) :

- (i) Manufacture of steel reinforcing bars;
- (ii) Stocking of steel reinforcing bars;
- (iii) Cut and bend processing of steel reinforcing bars; and
- (iv) Prefabrication of steel reinforcing bars.

Product Conformity Certification Scheme (PCCS) Type	Product Conformity Certification Scheme (PCCS) Type	Product Conformity Certification Scheme (PCCS) Type	Product Conformity Certification Scheme (PCCS) Type
PRODUCT CONFORMITY CERTIFICATION SCHEME FOR MANUFACTURE OF STEEL REINFORCING BARS (PCCS - MAN)	PRODUCT CONFORMITY CERTIFICATION SCHEME FOR STOCKING OF STEEL REINFORCING BARS (PCCS - STO)	PRODUCT CONFORMITY CERTIFICATION SCHEME FOR CUT & BEND PROCESSING OF STEEL REINFORCING BARS (PCCS - CB)	PRODUCT CONFORMITY CERTIFICATION SCHEME FOR PREFABRICATION OF STEEL REINFORCING BARS (PCCS - PRE)
November 2014	November 2014	November 2014	November 2014
Name of Scheme Owner	Name of Scheme Owner	Name of Scheme Owner	Name of Scheme Owner

Concrete: From Production to Recycling

The diagram illustrates the concrete production process through a circular flow of six stages, each represented by a circular image with a blue arrow indicating the sequence:

- Quarrying:** A yellow excavator is shown working in a quarry, breaking up large rocks.
- Aggregates:** A pile of crushed stone aggregates, showing various sizes of particles.
- Testing:** A laboratory setup for testing concrete aggregates, featuring a scale and a container labeled "Methylene Blue Test".
- Construction:** A construction site showing a large concrete structure being built, with workers visible in the background.
- Finished Structure:** A completed concrete structure, possibly a bridge or a large wall, showing the final product.
- Maintenance/Repair:** A close-up view of a concrete surface being repaired or maintained, showing a worker using a tool.

The central text reads "Concrete Production Process".

- **New tests**
- **Properties of local concrete**
- **Thermal energy storage in buildings**
- **High performance concrete**

- **Ways to enhance recycled aggregate concrete**
- **Durability design of marine structures**

Organizing Committee for Annual Concrete Seminar 2015

Chairman – Mr Allen Siu (ArchSD)

Committee Members

- Mr James Chu (CEDD)
- Mr Willy Yu (HD)
- Mr Daniel Lau (HyD)
- Mr Tony Cheung (BD)
- Mr Albert Cheung (WSD)
- Mr Yu-tong (DSD)
- Mr Denis Heung (ITC)
- Mr K W Kwok, Ms Patsy LO, and Ms Elizabeth Wong (ArchSD)



Thank You

End